



Attorney's Docket No.: H-0148

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I believe I am an original, first and joint inventor of the invention entitled "A Method and Apparatus for Duplex Transmission on a Four Wire Communication System" described and claimed in the specification which was filed on September 25, 2000 as Application Serial No. 09/668,856.

I have reviewed and understand the contents of the specification, including the claims, in the above-referenced application, as amended by any amendment specifically referred to in the Declaration.

I acknowledge my duty pursuant to 37 C.F.R. §1.56 to disclose information of which I am aware which is material to the patentability of this application.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None.

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject

Attorney's Docket No.: H-0148

matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Title of Prior Application: Method and Apparatus for Duplex Transmission on a Four Wire Communication System

Application Serial No. 60/156,039

Filing Date of Prior Application: September 24, 1999

Title of Prior Application: Timing Loop Device and Method Using a Timing Equalizer Filter for a Digital Communication System

Application Serial No. 60/156,037

Filing Date of Prior Application: September 24, 1999

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Attorney's Docket No.: H-0148

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Mark J. Patterson (Reg. No. 30,412)
I. C. Waddey, Jr. (Reg. No. 25,180)
Edward D. Lanquist, Jr. (Reg. No. 33,729)
Lucian Wayne Beavers (Reg. No. 28,183)
John C. Garvin, Jr. (Reg. No. 20,542)
Laura K. Thomas (Reg. No. 39,856)
Emily A. Shouse (Reg. No. 44,336)
David B. Pieper (Reg. No. 42,998)
Richard S. Myers, Jr. (Reg. No. 42,022)
Larry W. Brantley (Reg. No. 46,052)
Michael J. McCarthy (Reg. No. P-46,910)
Martha B. Allard (Reg. No. 36,730)
Guy W. Hensley (Reg. No. 41,831)
Harold W. Hilton (Reg. No. 21,050)

Customer No. 23456

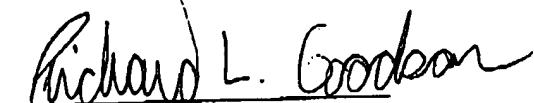
This attorney is located at our Nashville, Tennessee office and can be contacted directly at:

Mark J. Patterson
Waddey & Patterson
414 Union Street, Suite 2020
Bank of America Plaza
Nashville, TN 37219
(615) 242-2400

Attorney's Docket No.: H-0148

Full name of joint Inventor:

Richard L. Goodson


Richard L. Goodson14 December 2000

Date

Residence:

811 Jacqueline Drive
Huntsville, Alabama 35802

Citizenship:

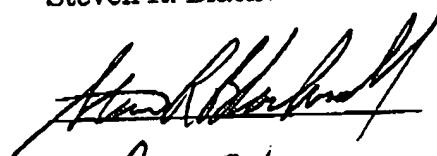
United States

Post Office Address:

811 Jacqueline Drive
Huntsville, Alabama 35802

Full name of joint Inventor:

Steven R. Blackwell


Steven R. Blackwell3 Jan 01

Date

Residence:

1733 Blake Bottom Road
Huntsville, Alabama 35806

Citizenship:

United States

Post Office Address:

1733 Blake Bottom Road
Huntsville, Alabama 35806

Attorney's Docket No.: H-0148

Full name of joint Inventor:

Ayman Ghobrial

Inventor's signature:

Ayman Ghobrial12-14-2000

Date

Residence:

204 E. Royal Pines Drive
Huntsville, Alabama 35806

Citizenship:

United States

Post Office Address:

204 E. Royal Pines Drive
Huntsville, Alabama 35806

Full name of joint Inventor:

Cynthia Lin

Inventor's signature:

Cynthia LinJan 3, 2001

Date

Residence:

119 Caenstone Court
Madison, AL 35758

Citizenship:

United States

Post Office Address:

119 Caenstone Court
Madison, AL 35758